

ABSTRACT OF THE DISCLOSURE

An infrared ray detector includes an array of pixels each including an infrared ray sensitive section having a first thermo-sensitive resistor and an infrared ray non-sensitive section having a second thermo-sensitive resistor. The second thermo-sensitive resistor is covered by an infrared ray reflector film. A pair of visors extending from the first thermo-sensitive resistor overhang the adjacent second thermo-sensitive resistor. A difference between the output signals from the first and second thermo-sensitive resistors is delivered as an output signal which cancels the fluctuation caused by the ambient temperature or Joule heat of the bias current.